

**DEPARTMENT OF ENERGY
HOISTING AND RIGGING TECHNICAL ADVISORY COMMITTEE
MEETING MINUTES
Princeton, NJ
June 9-10, 2009**

The Chairman, Pat Finn, Department of Energy (DOE-HQ, HS-11) called the meeting of the DOE Hoisting and Rigging Technical Advisory Committee (HRTAC) to order. Mr. Finn welcomed attendees and introductions were made. Unlike previous meetings, this meeting focused exclusively on recommended changes to DOE-STD-1090-2007 to address copyright concerns of ASME as discussed in the 2008 HRTAC annual meeting. The following is a list of the chapters discussed and the HRTAC committee member who led the discussions:

Chapter 2, *Critical Lifts* (Ken Richter, Y-12)

Chapter 3, *Preengineered Production Lifts* (Mike Baxley, Pantex)

Chapter 4, *Lifting Personnel* (Lynn Holt, INL)

Chapter 5, *Hostile Environments* (Tom Ashley, ICP)

Chapter 6, *Personnel Qualifications and Training* (Dana Morgan, Hanford)

Chapter 7, *Overhead and Gantry Cranes* (Mike Cutshall, SRS)

Chapter 8, *Hoists* (Steve Kane, John Hynan, BNL)

Chapter 9, *Mobile Cranes* (Dana Morgan, Hanford; John Reed, LLNL)

Chapter 10, *Forklift Trucks* (Mike Baxley, Pantex)

Chapter 11, *Wire Rope and Slings* (Mike Viola, PPPL)

Chapter 12, *Rigging Accessories* (Mac McMillan, INL)

Chapter 13, *Load Hooks* (Mac McMillan, INL)

Chapter 14, *Below-the-Hook Lifting Devices* (Steve Kane, BNL)

Chapter 15, *Construction Hoisting and Rigging Equipment Requirements*
(Lynn Holt, INL)

Chapter 16, *Miscellaneous Lifting Devices* (John Reed, LLNL)

Appendix A, *Procurement Guidelines* (Ken Richter, Y-12)

- After presentation of each respective chapter, discussion followed concerning the future format and other recommended changes to the Standard. Among the changes discussed and approved was a proposal to add a “General Requirements” section to a revised Chapter 1 that would discuss lift planning and other general requirements applicable to ordinary lifts. Messrs. Finn, McMillan, and Reed agreed to work together on this effort. Included in this effort would be the movement of the definitions to the back of the Standard within the reference section.
- Mr. Viola also recommended an expanded appendix to accommodate helpful information and guidance that had been removed from the Standard’s chapters in an effort to keep requirements separate from guidance materials. Mr. McMillan agreed to assist Mr. Viola in this effort. Among these appendices would be graphical information on rigging manufacturer markings based upon information provided by Sandia National Laboratory.
- There was discussion as to whether or not to include the dates of the most recent referenced ASME standards within DOE-STD-1090. It was agreed to not refer to the dates on the ASME standards, but rather to include a discussion on the need to incorporate the latest ASME standards at the time of solicitation of contract services which include hoisting and rigging activities.
- Mr. Finn distributed a draft of suggested revisions to Chapter 7 prepared by Mr. Cutshall for use as an example for the preparation of draft revisions of other chapters. Committee members agreed to submit their drafts of assigned chapters by no later than September 1, 2009.
- Following completion of all presentations and a discussion of the path forward with the standard, Mr. Viola conducted a tour of the National Spherical Tokamak Experiment and the Tokamak Fusion Test Reactor.